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## **THE DEVELOPMENT TREND OF METROPOLIS VEHICLE**

Dai, Zheng; Gao, Tian

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# THE DEVELOPMENT TREND OF METROPOLIS VEHICLE

Dai Zheng

Tian Gao

\*University of Southern Denmark      Zheng Dai

\*\*Beijing institute of graphic communication      Tian Gao

## Abstract

The traffic matching problem of metropolis is embodied by that the traffic-jam, traffic pollution , traffic system inefficacy and all of the area can not be covered with traffic system. The problem can be solved by a new way of traffic. Public traffic and individual traffic are two aspects of city traffic. Solving the traffic matching problem of metropolis needs combine the two aspects.

Share traffic can aims at the traffic matching problem. It can share the vehicle by leasehold and self-help. The way of traffic split into two main aspects, traffic system and vehicle. Share traffic system includes share facility, share vehicle and user and manage center. It needs to set lease station, lease provision and manage method.

Design needs to synthesize the relationships of human-product-environment. In my project, it needs to bases on city traffic system, share traffic system and user. The vehicle should fulfill some demands as below: it relieves traffic-jam; makes traffic convenient; it can use new energy sources; designs for short distance traffic; real-time supervise; it can save user information and fit to more people needs; newer and better using way; having better security and stability; it accord with good ergonomics; it can take some baggage and realize the individuation of user.

Compare to the vehicles in use, share traffic is a supplement of public traffic. It is agile, convenient and easy to manage. It is a normative, safe and steady vehicle.

Key words: metropolis , traffic system , vehicle

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